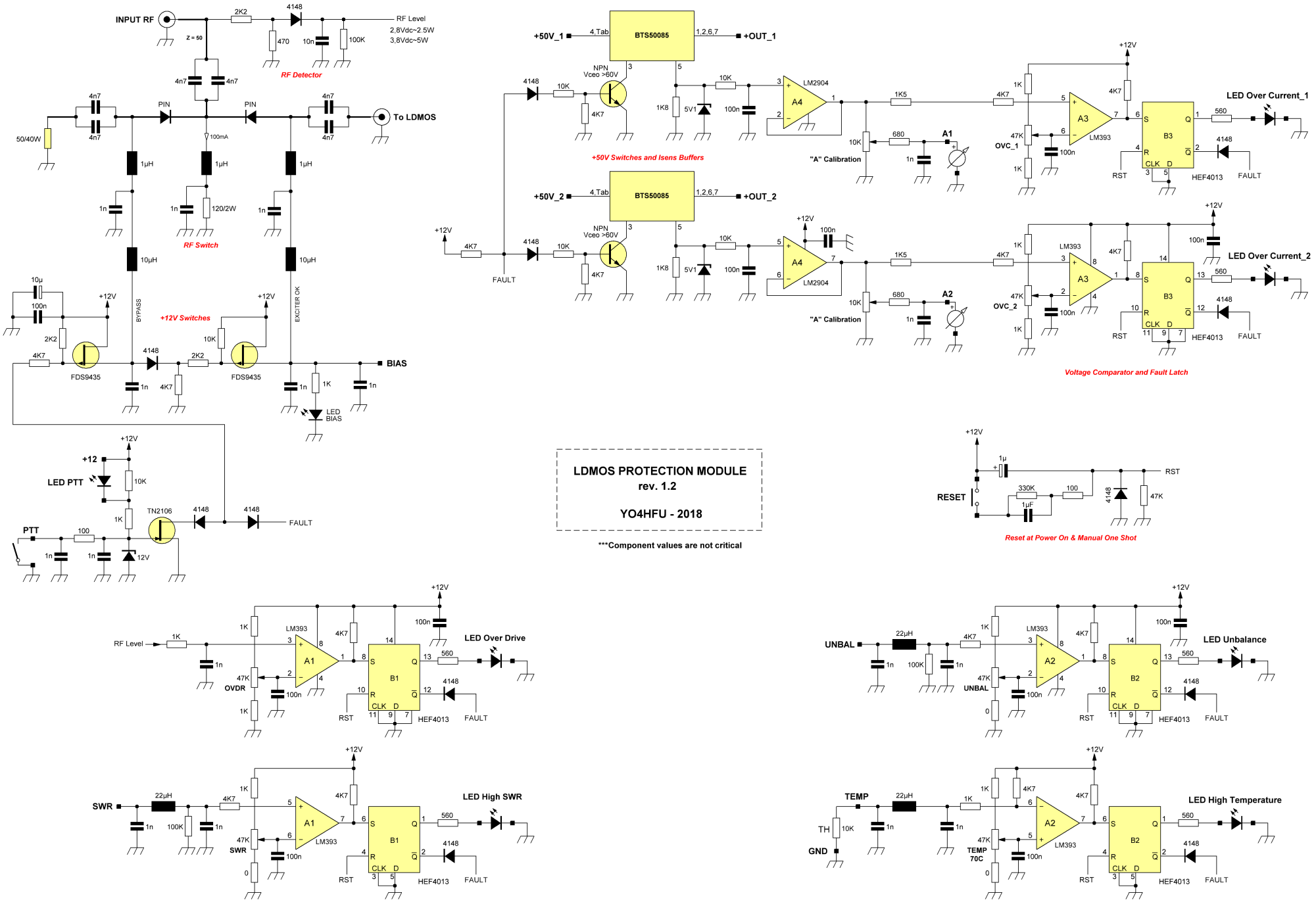
INPUT RF
Z = 50
2K2
4148
470
10n
100K
RF Level
2,8Vdc~2.5W
3,8Vdc~5W
RF Detector
4n7
PIN
To LDMOS
50/40W
100mA
1µH
10µH
120/2W
RF Switch
BYPASS
EXCITER OK
+12V Switches
FDS9435
BIAS
LED BIAS
+12
LED PTT
TN2106
PTT
FAULT
12V
+50V_1
+50V_2
4.Tab
BTS50085
1,2,6,7
+OUT_1
+OUT_2
NPN
Vceo >60V
1K8
5V1
LM2904
A4
+50V Switches and Isens Buffers
"A" Calibration
A1
A2
OVC_1
OVC_2
LM393
A3
B3
RST
CLK
D
HEF4013
LED Over Current_1
LED Over Current_2
Voltage Comparator and Fault Latch
LDMOS PROTECTION MODULE
rev. 1.2
YO4HFU - 2018
***Component values are not critical
RESET
330K
1µF
Reset at Power On & Manual One Shot
RF Level
OVDR
A1
B1
LED Over Drive
UNBAL
A2
B2
LED Unbalance
SWR
LED High SWR
TEMP
TH
GND
TEMP 70C
LED High Temperature